



SOUTH DAKOTA CROP & LIVESTOCK REPORTER

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ANNUAL CROP SUMMARY

SOUTH DAKOTA: Coming off the drought in 2002 and a very dry winter season, many crops rebounded in terms of yield and production in 2003.

All hay production was 7.21 million tons, up 50 percent from 2002. Yield was 1.68 tons per acre. Acres harvested were up 300,000 from 2002, to 4.3 million. **Alfalfa** production, at 5.13 million tons, was up 53 percent and represented 71 percent of the total. It had a yield of 1.9 tons per acre. Harvested acres were up 300,000 acres from last year, to 2.7 million. **All other hay** production, at 2.08 million tons, was up 44 percent, and had a yield of 1.3 tons per acre. Harvested acres, at 1.6 million, were unchanged from 2002. **New seedings of alfalfa** in 2003 totaled 230,000 acres in South Dakota, down 8 percent from 2002. Newly seeded acres are normally harvested for dry hay for the first time the following year.

Soybean production, at 113.1 million bushels, was 11 percent below last year's production. The yield was 27 bushels per acre, down 4 bushels from last year. Harvested acres, at 4.19 million, were up 2 percent from 2002.

Corn for grain production, at 427.35 million bushels, was up 41 percent from 2002. Yield, at 111 bushels per acre, was up 16 bushels from last year. Producers harvested 3.85 million acres for grain, up 20 percent from 2002.

Sorghum for grain production, at 6.75 million bushels, was up 121 percent from 2002. Yield, at 45 bushels per acre, was 11 bushels above last year. Harvested acres, at 150,000, were up 67 percent from 2002.

All sunflower production, at 457.5 million pounds, was 22 percent above last year. Yield, at 1,005 pounds per acre, was up 136 pounds from last year. Planted and harvested acres totaled 505,000 and 455,000, respectively. Oil sunflower production, at 430 million pounds, represented 94 percent of the total. It had a yield of 1,000 pounds per acre with 430,000 acres harvested. Non-oil sunflowers had a yield of 1,100 pounds per acre with 25,000 acres harvested.

Proso millet grain production was 2.805 million bushels, up 192 percent from 2002. Yield of 17 bushels per acre was 1 bushel above a year earlier. Harvested acres, at 165,000, were up 175 percent.

UNITED STATES: **Corn** for grain production is estimated at 10.1 billion bushels, up 12 percent from the 9.01 billion bushels produced in 2002. The average yield per acre is estimated at 142.2 bushels per acre, up 12.2 bushels from 2002. Both production and yield estimates are the largest on record. The previous record for both was set in 1994 when production was estimated at slightly below the 10.1 billion bushels being estimated for 2003 and yield was 138.6 bushels per acre.

Soybean production in 2003 totaled 2.42 billion bushels, 12 percent below 2002. This is the lowest production level since 1996. The average yield per acre is estimated at 33.4 bushels, 4.6 bushels below 2002. This is the lowest yield since 1993.

Sunflower production totaled 2.67 billion pounds, 7 percent above the 2002 production. The estimated yield per acre, at 1,213 pounds, increased 71 pounds from 2002. Harvested acres increased 1 percent from last year to 2.20 million acres.

Alfalfa production in 2003 totaled 76.3 million tons, up 3 percent from 2002. Harvested area, at 23.6 million acres, is 2 percent above the previous year. Yields averaged 3.24 tons per acre, up 0.05 ton from the 2002 yield. South Dakota harvested 300,000 more acres following last year's drought reduced area. **Other Hay** production in 2003 totaled 80.8 million tons, up 5 percent from the 2002 total. Area for harvest, at 39.8 million acres, is 4 percent below last year. The average yield is estimated at a record high 2.03 tons per acre, compared to 1.86 tons per acre last year.

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CROP ACREAGES

Crop	Area Planted			Area Harvested			
	2001	2002	2003	2001	2002	2003	2003 as % of 2002
	----- 1,000 Acres -----						Percent
SOUTH DAKOTA							
Wheat, All	3,025	3,030	3,028	2,044	1,630	2,747	169
Winter 1/	1,300	1,300	1,600	370	625	1,380	221
Durum	25	30	28	24	5	27	540
Other Spring	1,700	1,700	1,400	1,650	1,000	1,340	134
Corn, All	3,800	4,400	4,400	--	--	--	--
Grain	--	--	--	3,400	3,200	3,850	120
Silage	--	--	--	370	920	470	51
Sorghum, All	240	220	270	--	--	--	--
Grain	--	--	--	150	90	150	167
Silage	--	--	--	50	40	50	125
Oats	350	450	420	130	100	230	230
Barley	90	80	75	78	45	55	122
Rye 1/	10	15	20	10	10	14	140
Flaxseed	17	12	10	17	4	9	225
Potatoes (Fall)	2.8	1.1	1.0	2.7	1.1	1.0	91
Soybeans	4,500	4,250	4,250	4,470	4,090	4,190	102
Hay, All	--	--	--	4,700	4,000	4,300	108
Alfalfa	--	--	--	3,000	2,400	2,700	113
All Other	--	--	--	1,700	1,600	1,600	100
Sunflower, All	715	640	505	705	430	455	106
Oil	670	535	475	661	375	430	115
Non-oil	45	105	30	44	55	25	45
Proso Millet	220	100	210	175	60	165	275
Dry Edible Beans	18.0	21.0	8.0	17.0	16.0	7.5	47
UNITED STATES							
Wheat, All	59,597	60,468	61,700	48,633	45,917	52,839	115
Winter 1/	41,078	41,845	44,945	31,295	29,751	36,541	123
Durum	2,910	2,909	2,915	2,789	2,703	2,869	106
Other Spring	15,609	15,714	13,840	14,549	13,463	13,429	100
Corn, All	75,752	79,054	78,736	--	--	--	--
Grain	--	--	--	68,808	69,313	71,139	103
Silage	--	--	--	6,148	7,490	6,528	87
Sorghum, All	10,252	9,580	9,420	--	--	--	--
Grain	--	--	--	8,584	7,299	7,798	107
Silage	--	--	--	336	352	343	97
Oats	4,403	4,995	4,601	1,905	2,093	2,224	106
Barley	4,967	5,071	5,299	4,289	4,129	4,688	114
Rye 1/	1,328	1,395	1,368	255	281	339	121
Flaxseed	585	785	595	578	704	583	83
Potatoes (Fall)	1,091.5	1,138.8	1,107.6	1,073.2	1,109.4	1,092.0	98
Soybeans	74,075	73,923	73,404	72,975	72,437	72,321	100
Hay, All	--	--	--	63,521	64,497	63,342	98
Alfalfa	--	--	--	23,822	23,135	23,578	102
All Other	--	--	--	39,699	41,362	39,764	96
Sunflower, All	2,633	2,580	2,344	2,555	2,180	2,197	101
Oil	2,117	2,125	1,998	2,060	1,815	1,874	103
Non-oil	516	455	346	495	365	323	88
Proso Millet	650	450	730	585	220	620	282
Dry Edible Beans	1,435.9	1,922.1	1,406.1	1,248.5	1,726.9	1,346.9	78
Canola	1,494	1,459	1,082	1,455	1,275	1,068	84
Mustard Seed	45.8	191.0	110.0	44.2	175.0	107.0	61
Rapeseed	3.7	3.4	1.3	3.1	3.1	1.2	39
Safflower	188.0	219.0	221.0	177.0	196.0	212.0	108

1/ Acres seeded preceding fall. 2/ Production is in 1,000 cwt.

WINTER WHEAT SEEDINGS

SOUTH DAKOTA: Winter wheat seedings for the 2004 crop totaled 1.7 million acres, up 13 percent from the previous year's crop. This level of seedings is the highest since 1996, when 2.0 million acres were seeded. In the last ten years, South Dakota averaged 1.530 million seeded acres of winter wheat.

UNITED STATES: Winter Wheat planted area for harvest in 2004 is estimated at 43.5 million acres. This is down 3 percent from 2003. Hard Red Winter (HRW) wheat seeded area is about 31.0 million acres, down 4 percent from 2003. Acreage declines are reported in the southern Great Plains States, where moisture supplies remain low. Emergence problems and lack of snow cover left growers concerned about the winter-hardiness of the crop.

CROP PRODUCTION

Crop	Unit	Yield per Acre			Production			
		2001	2002	2003	2001	2002	2003	2003 as % of 2002
		----- 1,000 -----			----- Percent -----			
SOUTH DAKOTA								
Wheat, All	Bu.	37.6	25.9	42.3	76,766	42,235	116,241	275
Winter	Bu.	32.0	29.0	43.0	11,840	18,125	59,340	327
Durum	Bu.	24.0	22.0	23.0	576	110	621	565
Other Spring	Bu.	39.0	24.0	42.0	64,350	24,000	56,280	235
Corn								
Grain	Bu.	109.0	95.0	111.0	370,600	304,000	427,350	141
Silage	Tons	10.5	6.0	8.5	3,885	5,520	3,995	72
Sorghum, All								
Grain	Bu.	59.0	34.0	45.0	8,850	3,060	6,750	221
Silage	Tons	9.5	5.5	7.0	475	220	350	159
Oats	Bu.	60.0	45.0	68.0	7,800	4,500	15,640	348
Barley	Bu.	52.0	41.0	53.0	4,056	1,845	2,915	158
Rye	Bu.	35.0	27.0	48.0	350	270	672	249
Flaxseed	Bu.	19.0	11.0	16.0	323	44	144	327
Potatoes (Fall)	Cwt.	240	300	340	648	330	340	103
Soybeans	Bu.	32.0	31.0	27.0	143,040	126,790	113,130	89
Hay, All	Tons	1.95	1.20	1.68	9,150	4,800	7,210	150
Alfalfa	Tons	2.20	1.40	1.90	6,600	3,360	5,130	153
All Other	Tons	1.50	0.90	1.30	2,550	1,440	2,080	144
Sunflower, All	Lbs.	1,412	869	1,005	995,810	373,750	457,500	122
Oil	Lbs.	1,410	850	1,000	932,010	318,750	430,000	135
Non-oil	Lbs.	1,450	1,000	1,100	63,800	55,000	27,500	50
Proso Millet	Bu.	33.0	16.0	17.0	5,775	960	2,805	292
Dry Edible Beans 2/	Lbs.	1,590	1,630	1,770	270	261	133	51
UNITED STATES								
Wheat, All	Bu.	40.2	35.3	44.2	1,957,043	1,619,001	2,336,526	144
Winter	Bu.	43.5	38.5	46.7	1,361,479	1,145,602	1,707,069	149
Durum	Bu.	30.0	29.4	33.7	83,556	79,450	96,637	122
Other Spring	Bu.	35.2	29.3	39.7	512,008	393,949	532,820	135
Corn								
Grain	Bu.	138.2	130.0	142.2	9,506,840	9,007,659	10,113,887	112
Silage	Tons	16.6	14.0	16.2	102,077	104,979	105,864	101
Sorghum, All								
Grain	Bu.	59.9	50.7	52.7	514,524	369,758	411,237	111
Silage	Tons	11.1	9.5	10.4	3,728	3,360	3,552	106
Oats	Bu.	61.4	56.7	65.0	117,024	118,628	144,649	122
Barley	Bu.	58.2	54.9	58.9	249,420	226,573	276,087	122
Rye	Bu.	27.3	24.8	27.3	6,971	6,955	9,254	133
Flaxseed	Bu.	19.8	17.9	17.9	11,455	12,569	10,426	83
Potatoes (Fall)	Cwt.	367	373	377	393,750	414,317	411,386	99
Soybeans	Bu.	39.6	38.0	33.4	2,890,682	2,749,340	2,417,565	88
Hay, All	Tons	2.47	2.34	2.48	156,764	150,962	157,123	104
Alfalfa	Tons	3.37	3.19	3.24	80,327	73,824	76,307	103
All Other	Tons	1.93	1.86	2.03	76,437	77,138	80,816	105
Sunflower, All	Lbs.	1,338	1,142	1,213	3,418,759	2,489,606	2,665,226	107
Oil	Lbs.	1,361	1,140	1,206	2,803,704	2,069,780	2,259,666	109
Non-oil	Lbs.	1,243	1,150	1,256	615,055	419,826	405,560	97
Proso Millet	Bu.	33.2	12.5	18.5	19,405	2,755	11,450	416
Dry Edible Beans 2/	Lbs.	1,569	1,736	1,672	19,583	29,974	22,515	75
Canola	Lbs.	1,374	1,218	1,416	1,998,515	1,552,520	1,512,250	97
Mustard Seed	Lbs.	930	705	723	41,106	123,450	77,372	63
Rapeseed	Lbs.	1,306	1,461	949	4,050	4,530	1,139	25
Safflower	Lbs.	1,365	1,520	1,286	241,665	297,980	272,555	91

1/ Acres seeded preceding fall. 2/ Production is in 1,000 cwt.

WINTER WHEAT SEEDINGS (Cont.)

WINTER WHEAT SEEDINGS, SELECTED STATES, 2002-2004

State	Area Seeded		
	2002	2003	2004
----- 1,000 Acres -----			
Kansas	9,600	10,400	9,900
Minnesota	35	25	20
Nebraska	1,650	1,900	1,900
North Dakota	80	130	240
South Dakota	1,300	1,600	1,700
United States	41,845	44,945	43,464

GRAIN STOCKS

SOUTH DAKOTA: December 1, 2003 corn, all wheat, oats, barley, sorghum and hay stocks are up from last year. Soybean stocks have declined from last year. Total stocks included grain on farms, grain in mills and elevators, grain in government storage bins, and grain stored under the farmer-owned Grain Reserve Program in South Dakota on December 1, 2003.

Soybean stocks totaled 66.4 million bushels, down 25 percent from last year. December 1 soybean stocks are at their lowest level since 1996. **Corn** stocks totaled 343.6 million bushels, up from last year's total of 303.2 million bushels. On-farm stocks are up 18 percent from last year, while off-farm stocks are up fractionally from 2002. **All Wheat** stocks totaled 66.8 million bushels, up 55 percent from last year. On-farm stocks increased 68 percent from last year, and off-farm stocks are up 38 percent. **Hay** stocks, at 7.2 million tons, are up 24 percent from last year's total of 5.8 million tons.

Grain Storage Capacity in South Dakota totaled 735 million bushels

on December 1, 2003, down less than 1 percent from last year. Total grain storage capacity comprises 575 million bushels on-farm and 160 million bushels off-farm. Off-farm storage capacity decreased 1 percent from last year, while on-farm storage capacity remained unchanged. There were 252 mills and elevators with storage capacity on December 1, 2003, 9 fewer facilities than in 2002.

UNITED STATES: **Corn** stocks in all positions on December 1, 2003, totaled 7.94 billion bushels, up 4 percent from December 1, 2002. Of the total stocks, 5.29 billion bushels are stored on farms, up 10 percent from a year earlier. Off-farm stocks, at 2.66 billion bushels, are down 6 percent from the previous year. **Soybeans** stored in all positions on December 1, 2003, totaled 1.69 billion bushels, down 20 percent from December 1, 2002. **All wheat** stored in all positions on December 1, 2003 totaled 1.52 billion bushels, up 15 percent from a year ago. On-farm stocks are up 28 percent from last year, and off-farm stocks are up 10 percent from a year ago.

STOCKS OF GRAIN, SOUTH DAKOTA AND UNITED STATES, DECEMBER 1, 2002 AND 2003

Crop	On-Farm			Off-Farm			All Positions		
	2002	2003	2003 as % of All Positions	2002	2003	2003 as % of All Positions	2002	2003	2003 as % of 2002
	- 1,000 Bushels -		Percent	- 1,000 Bushels -		Percent	- 1,000 Bushels -		Percent
SOUTH DAKOTA									
Corn	225,000	265,000	77	78,178	78,639	23	303,178	343,639	113
Barley	1,100	1,000	--	1/	1/	--	1/	1/	--
Sorghum	1/	1/	--	517	1,231	--	1/	1/	--
Soybeans	62,000	35,000	53	25,984	31,365	47	87,984	66,365	75
All Wheat	25,000	42,000	63	18,012	24,847	37	43,012	66,847	155
Oats	4,500	8,000	83	1,005	1,599	17	5,505	9,599	174
UNITED STATES									
Corn	4,800,000	5,286,000	67	2,837,971	2,658,779	33	7,637,971	7,944,779	104
Barley	83,400	97,200	49	86,601	100,684	51	170,001	197,884	116
Sorghum	53,600	45,200	19	178,252	188,507	81	231,852	233,707	101
Soybeans	1,170,000	820,000	49	943,373	866,381	51	2,113,373	1,686,381	80
All Wheat	384,800	491,925	32	935,069	1,029,159	68	1,319,869	1,521,084	115
Oats	52,500	64,300	54	51,284	54,918	46	103,784	119,218	115

1/ Data not published to avoid disclosure of individual operations.

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